

Title (en)

SYSTEMS, METHODS AND RELATED APPARATUS FOR DETERMINING PHYSIOLOGICAL PARAMETERS

Title (de)

SYSTEME, VERFAHREN UND ZUGEHÖRIGE VORRICHTUNG ZUR BESTIMMUNG PHYSIOLOGISCHER PARAMETER

Title (fr)

SYSTÈMES, PROCÉDÉS ET APPAREILS ASSOCIÉS DE DÉTERMINATION DE PARAMÈTRES PHYSIOLOGIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013170378A1] Methods, systems and related apparatus are provided for controlling an electronic device to operate an external sensor connectable to an audio interface of the electronic device by applying a first harmonic driving signal to a first contact and a second harmonic driving signal to a second contact of the audio interface for driving the external sensor, receiving a response signal at a third contact of the audio interface, adjusting at least one of the first and second harmonic driving signals, determining one or more physiological parameters based on characteristics of the first and second harmonic driving signals and the response signal, and outputting the determined one or more physiological parameters.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

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Designated contracting state (EPC)

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